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Kemp's Handbook of Rocks, for use without the Microscope, Second Edition.¹—The publication of a new edition of the *Handbook of Rocks* so soon after the appearance of the first edition is a guarantee that the author has furnished a book that has given satisfaction to its users. It is the only treatise in English that aims to give the student an accurate and scientific knowledge of rock-masses without requiring him to master the technique of microscopical analysis. The new edition differs from the earlier edition principally in the glossary, which has been extended to include the new terms proposed by petrographers in the discussions of the past four years. The volume is of handy size and is beautifully printed on excellent paper.

Hovelacque's Photographs of Sedimentary Rocks.²—This album consists of sixty-nine plates, presenting microphotographs of thin sections of alpine limestones. These photographs were made in the course of a full investigation of the so-called "Calcaires du Briançonnais," in the French Alps, by Messrs. Killian and Hovelacque, who hoped by means of microscopic study to be able to determine more accurately the various horizons of the series in the absence of available fossils. The work was interrupted by the untimely death of Mr. Hovelacque, and this album is a preliminary report presenting his uncompleted work.

The plates represent a great variety of limestone structures, as well as many types of the minute organisms which compose, in large part, many of the limestones. Full explanations make each plate intelligible, and together they make a valuable addition to our knowledge of the microscopic petrography of the sedimentary rocks whose value will, however, be much enhanced when the fuller report, which is promised by M. Killian, makes its appearance.

¹ Kemp, J. F. *A Handbook of Rocks, for use without the Microscope.* With a glossary of the names of rocks and of other lithological terms. Second edition, revised. New York, D. van Nostrand Company, 1900. 185 pp.

² Killian, W. *Album de Microphotographies de Roches Sédimentaires faites par Maurice Hovelacque.* Paris, Gauthier-Villars, 1900. 14 pp., quarto, 69 plates.